

SPAWC 2017

The 18th IEEE International Workshop on Signal Processing Advances
in Wireless Communications, July 3 – 6, Sapporo, Japan

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SPAWC 2017 will be held at Hokkaido University in Sapporo, Japan on July 3-6, 2017. The workshop is devoted to advances in signal processing for wireless communications, networking, and information theory. The technical program features plenary talks as well as invited and contributed papers presented in poster format.

Call for Papers

Prospective authors are invited to submit papers in the following areas:

- Smart antennas, MIMO systems, massive MIMO, and space-time processing
- Single-carrier, multi-carrier, and multi-rate systems
- Multiple-access and broadcast channels, multi-user receivers
- Signal processing for ad-hoc, multi-hop, and sensor networks
- Cooperative communication, coordinated multipoint transmission and reception
- Distributed resource allocation and scheduling
- Convex and non-convex optimization; Game theory for communications
- Interference management, dynamic spectrum management
- Heterogeneous networks, small cells
- Millimeter wave, 60GHz communications
- Full duplex systems
- Physical layer security
- Feedback in wireless networks
- Cognitive radio and networks
- Cooperative sensing, compressed sensing, sparse signal processing
- Machine-to-machine, device-to-device communications
- Ultra-wideband radio, localization, RFID
- Modeling, estimation and equalization of wireless channels
- Acquisition, synchronization, and tracking
- Cross-layer issues, joint source-channel coding, delay-limited communication
- Signal processing for optical, satellite, and underwater communications
- Signal processing for nano- and molecular communications
- Energy efficiency and energy harvesting
- Large networks and big data in wireless communications
- Emerging techniques, technologies, and new waveforms for 5G

Full papers up to five-page limit should be submitted via EDAS.

March 10, 2017 (EXTENDED)

April 30, 2017
May 10, 2017

Paper submission deadline
Acceptance notification
Final paper due

Publication Chairs

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